

43-09

DEPARTMENT Agricultural and Biological Engineering

EFFECTIVE SESSION 2010 Spring [201020]

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only)  |
| <input type="checkbox"/> 2. Add existing course offered at another campus   | <input type="checkbox"/> 8. Change in instructional hours                                 |
| <input type="checkbox"/> 3. Expiration of a course                          | <input type="checkbox"/> 9. Change in course description                                  |
| <input type="checkbox"/> 4. Change in course number                         | <input type="checkbox"/> 10. Change in course requisites                                  |
| <input type="checkbox"/> 5. Change in course title                          | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type                    | <input type="checkbox"/> 12. Transfer from one department to another                      |

PROPOSED:

EXISTING:

Subject Abbreviation ABE

Subject Abbreviation

Course Number 33600

Course Number

Long Title All Terrain Vehicle Design

Short Title All Terrain Vehicle Design

Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

TERMS OFFERED  
Check All That Apply:

Summer  Fall  Spring

CAMPUS(ES) INVOLVED

Calumet  N. Central  
 Cont Ed  Tech Statewide  
 Ft. Wayne  W. Lafayette  
 Indianapolis

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 3.0
2. Variable Credit Range:  
 Minimum Cr. Hrs. \_\_\_\_\_  
 (Check One) To  Or   
 Maximum Cr. Hrs. \_\_\_\_\_
3. Equivalent Credit: Yes  No

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable   
 Maximum Repeatable Credit: \_\_\_\_\_
4. Credit by Examination
5. Special Fees
6. Registration Approval Type  
 Department  Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

| ScheduleType | Minutes Per Mtg | Meetings Per Week | Weeks Offered | % of Credit Allocated |
|--------------|-----------------|-------------------|---------------|-----------------------|
| Lecture      | 50              | 2                 |               | 67                    |
| Recitation   |                 |                   |               |                       |
| Presentation |                 |                   |               |                       |
| Laboratory   | 110             | 1                 |               | 33                    |
| Lab Prep     |                 |                   |               |                       |
| Studio       |                 |                   |               |                       |
| Distance     |                 |                   |               |                       |
| Clinic       |                 |                   |               |                       |
| Experiential |                 |                   |               |                       |
| Research     |                 |                   |               |                       |
| Ind. Study   |                 |                   |               |                       |
| Pract/Observ |                 |                   |               |                       |

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Prerequisite: ABE 20500. A structured approach to the design process, including innovation, analysis, evaluation, documentation, and presentation. Design areas typically focus on machinery and vehicles related to agricultural applications. During the first two weeks, the students will define their design problem, statement of work, approach, and timeline. Their final report will summarize the design process and the steps used to solve the proposed problem. All students will give a brief presentation of their design during the last weekly lab meeting.

|                                      |            |  |            |
|--------------------------------------|------------|--|------------|
| Calumet Department Head _____        | Date _____ | Calumet School Dean _____                | Date _____ |
| Fort Wayne Department Head _____     | Date _____ | Fort Wayne School Dean _____             | Date _____ |
| Indianapolis Department Head _____   | Date _____ | Indianapolis School Dean _____           | Date _____ |
| North Central Department Head _____  | Date _____ | North Central Chancellor _____           | Date _____ |
| West Lafayette Department Head _____ | Date _____ | West Lafayette College/School Dean _____ | Date _____ |
|                                      |            | West Lafayette Registrar _____           | Date _____ |

OFFICE OF THE REGISTRAR

6/15/09  
[Signature]